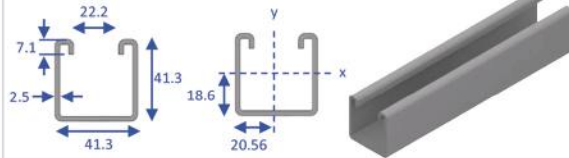




D1000 SOLID CHANNEL



Product Finish:

- Hot Dip Galvanised to AS/NZS4680, ISO1461
- Pre-Galvanised to AS1397
- Stainless Steel to AS1449, AS2837

Ordering details:

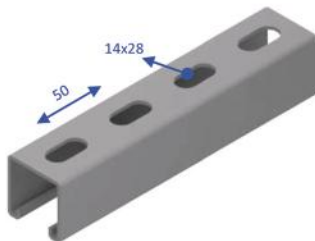
Supplied in standard 6m and 3m lengths

Finish/Material	Part # 6m	Part # 3m
Pre-Galvanised finish	: D1000G	D10003G
Hot Dip Galvanised finish	: D1000H	D10003H
Mill (raw) finish	: D1000M	D10003M
Stainless Steel material	: D1000S	D10003S

Section Properties	Moment of Inertia $I 10^6 \text{ mm}^4$	Section Modulus $Z 10^3 \text{ mm}^2$	Radius of Gyration $r \text{ mm}$	Weight KG/m	Area of Section mm^2
x-x	0.07	2.925	14.5	2.6	331
y-y	0.093	4.452	16.7		

Beam Span or Unsupported Column Height (Mm)	Beam Max. Allowable Load (Kg)	Deflection at Max. Allowable Load (Mm)	Column Max. Allowable Load (Kg)	Loading Criteria
250	1485	0.22	4550	-Loads indicated below are in accordance with AS/NZS 4600 1996. Cold-formed steel structure - Minimum yield stress : $FY = 210 \text{ Mpa}$ - Beam Load and deflection data are based on a uniformly loaded simply supported beam - For point load at mid span multiply maximum allowable load by .5 and deflection by .8 - Load values are for bending about the X-X axis only
500	743	0.87	3685	
750	495	1.97	2825	
1000	350	3.5	2145	
1250	296	5.47	1642	
1500	248	7.87	1321	
1750	215	10.71	1100	
2000	186	13.99	936	
2250	165	17.71	806	
2500	148	21.86	700	
2750	136	26.45	615	
3000	125	31.46	N/R	

D1000S SLOTTED CHANNEL



Product Finish:

- Hot Dip Galvanised to AS/NZS4680, ISO1461
- Pre-Galvanised to AS1397
- Stainless Steel to AS1449, AS2837

Ordering details:

Supplied in standard 6m and 3m lengths

Finish/Material	Part # 6m	Part # 3m
Pre-Galvanised finish	: D1000SG	D10003SG
Hot Dip Galvanised finish	: D1000SH	D10003SH
Mill (raw) finish	: D1000SM	D10003SM
Stainless Steel material	: D1000SS	D10003SS